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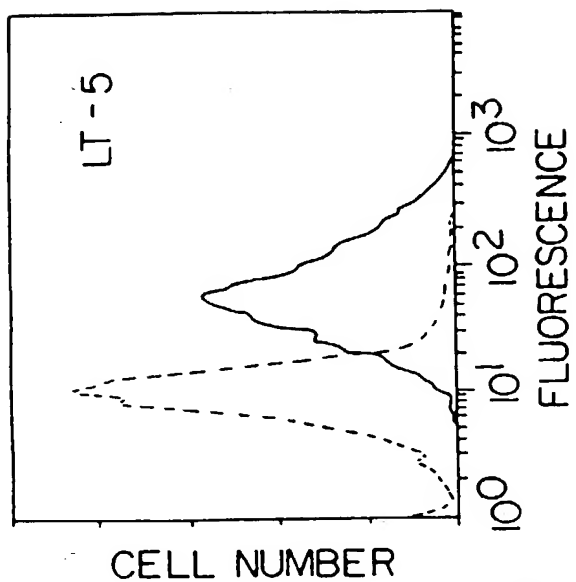


FIG. 1B

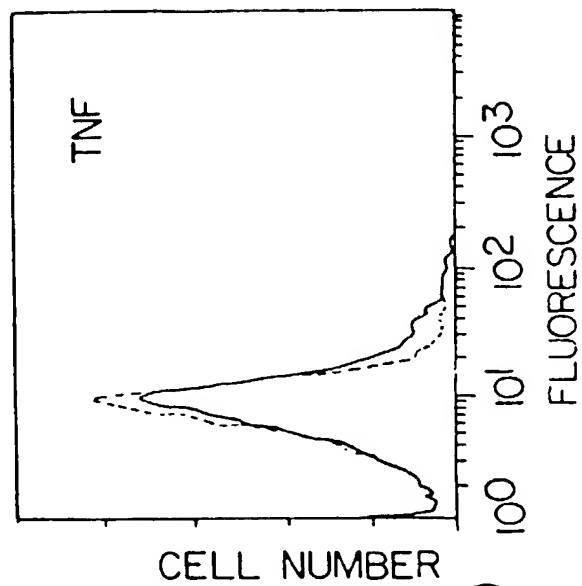


FIG. 1D

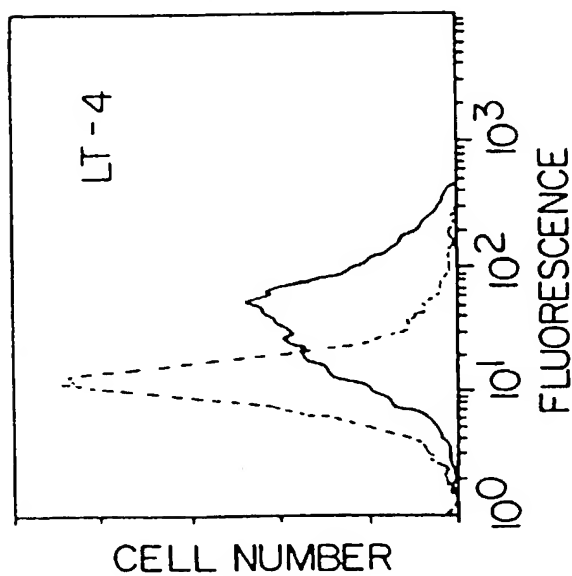


FIG. 1A

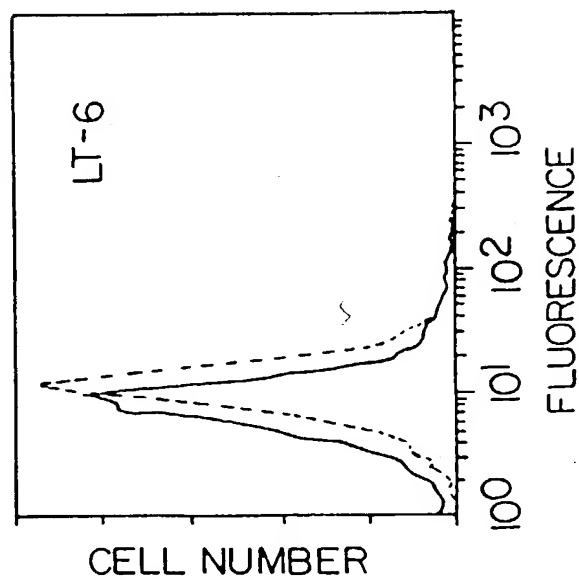


FIG. 1C



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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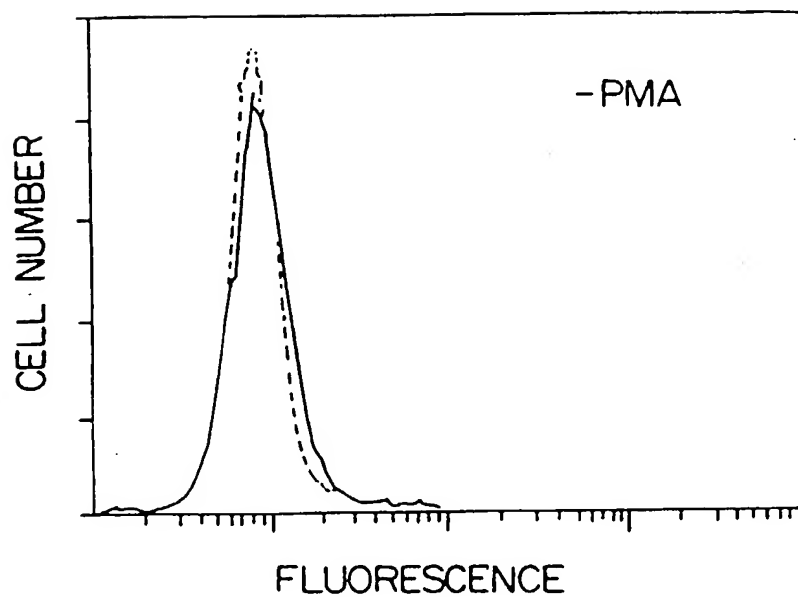


FIG. 2A

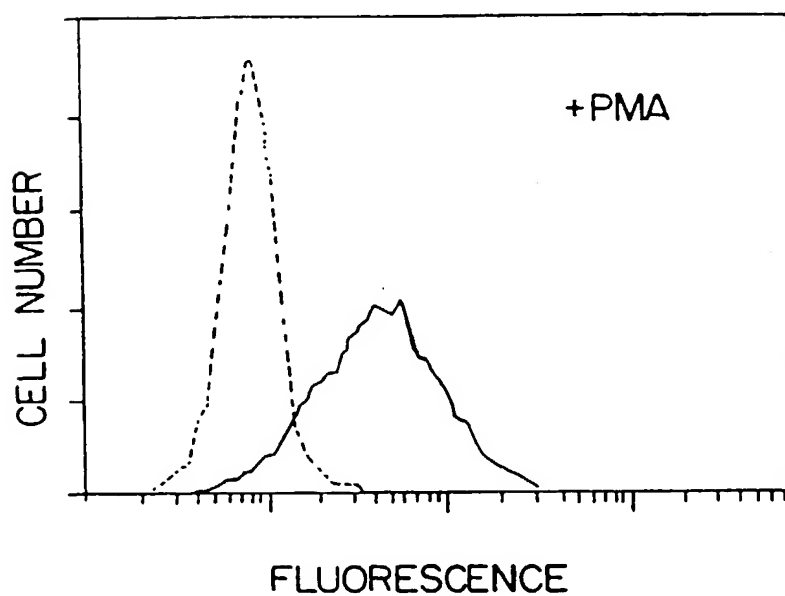


FIG. 2B



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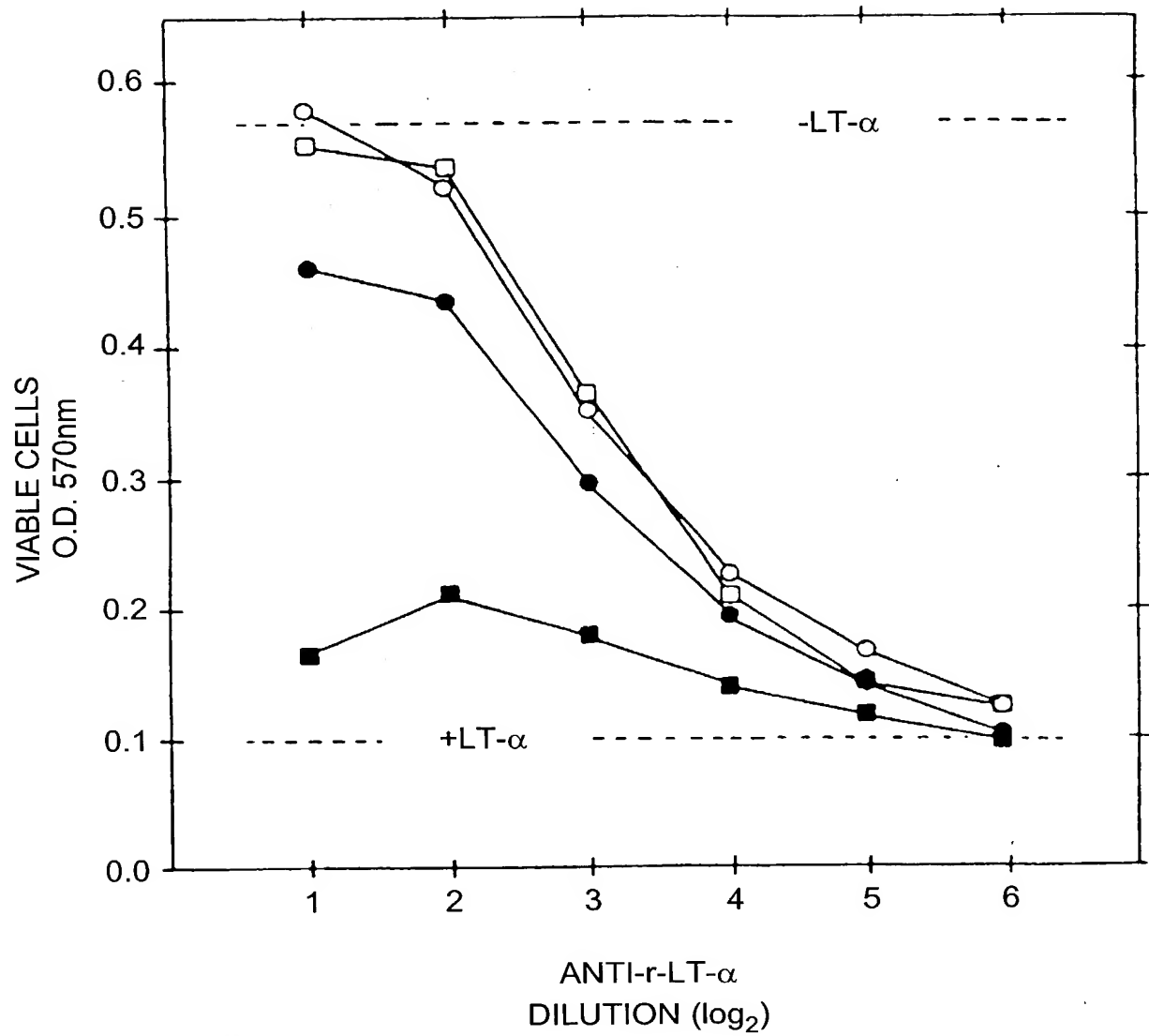


FIG. 3

FIG 4B

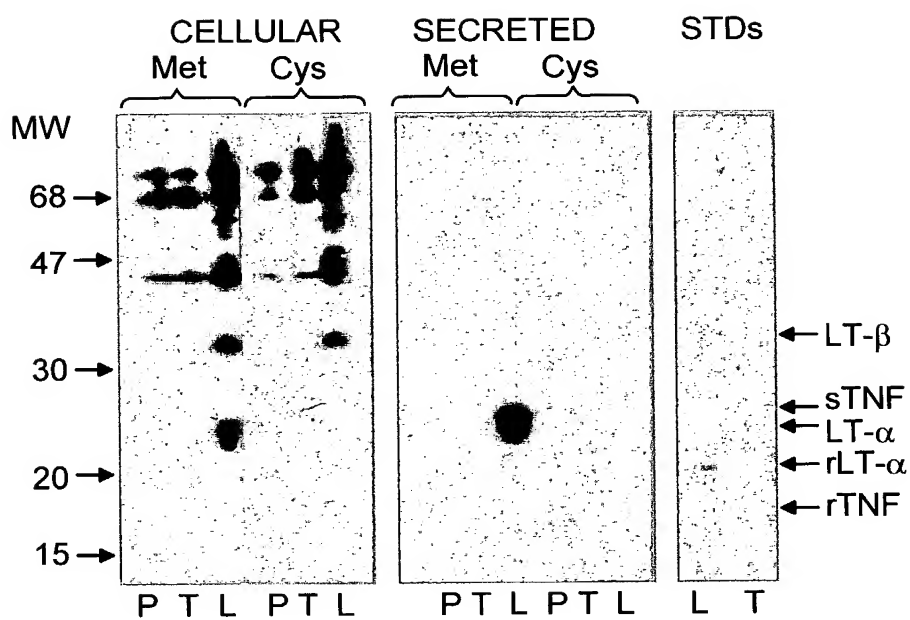


FIG 5

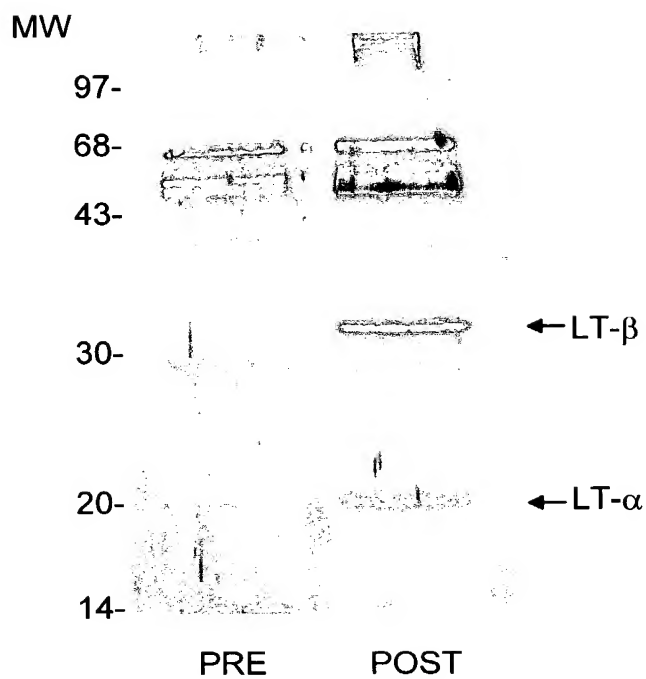


FIG 6A

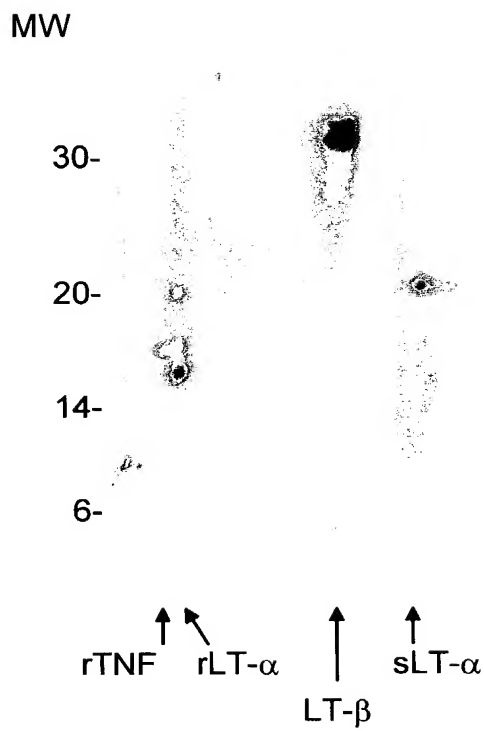


FIG 6B

N-Gly	-	+	-	-	-	+
Neur	-	-	+	-	+	+
O-Gly	-	-	-	+	+	+



[illegible]

(The following musical notation is transcribed from the image, showing various notes, rests, and bar lines across multiple staves.)

[illegible]

(continued)

(continued)



(continued)



(continued)



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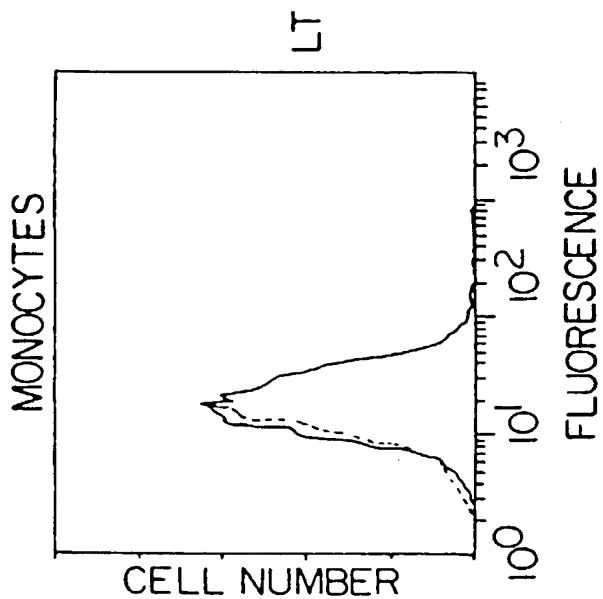


FIG. 11B

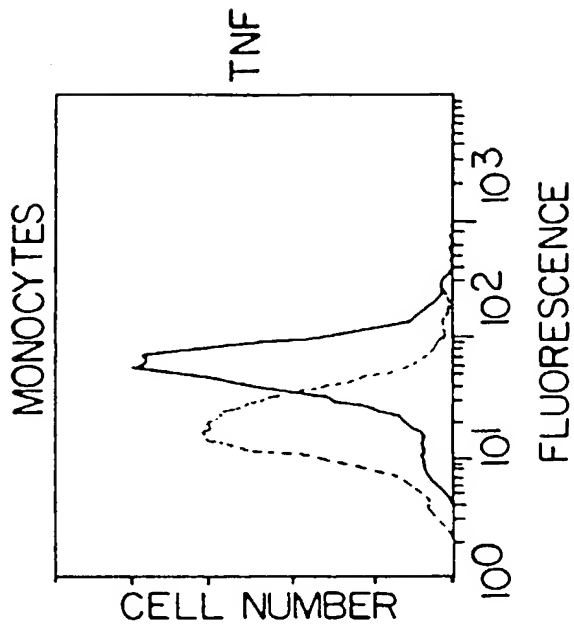


FIG. 11D

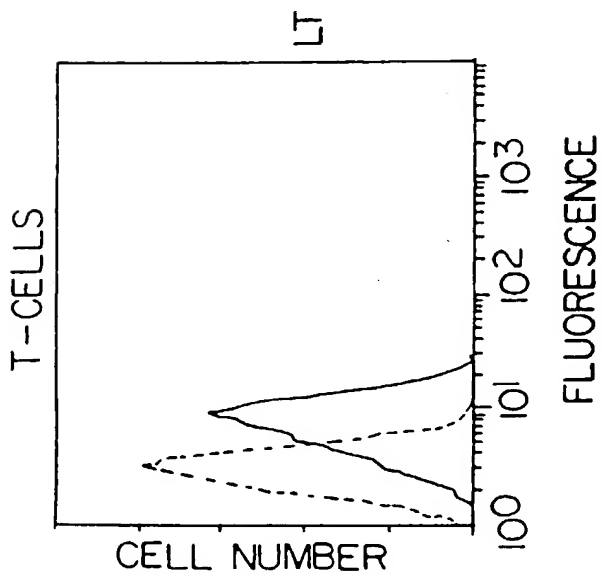


FIG. 11A

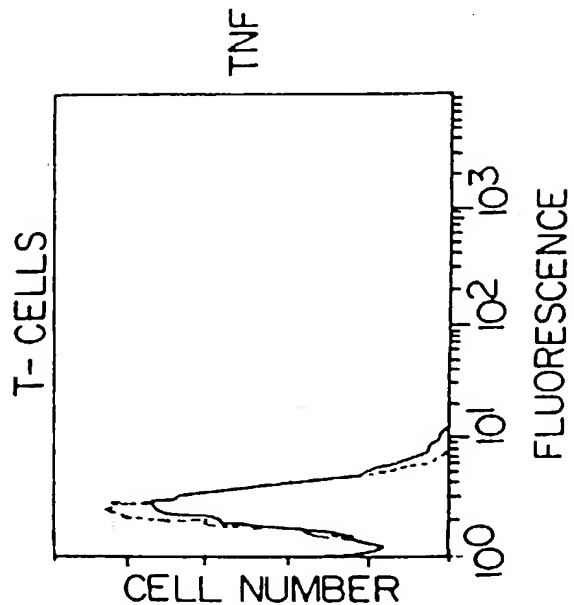


FIG. 11C



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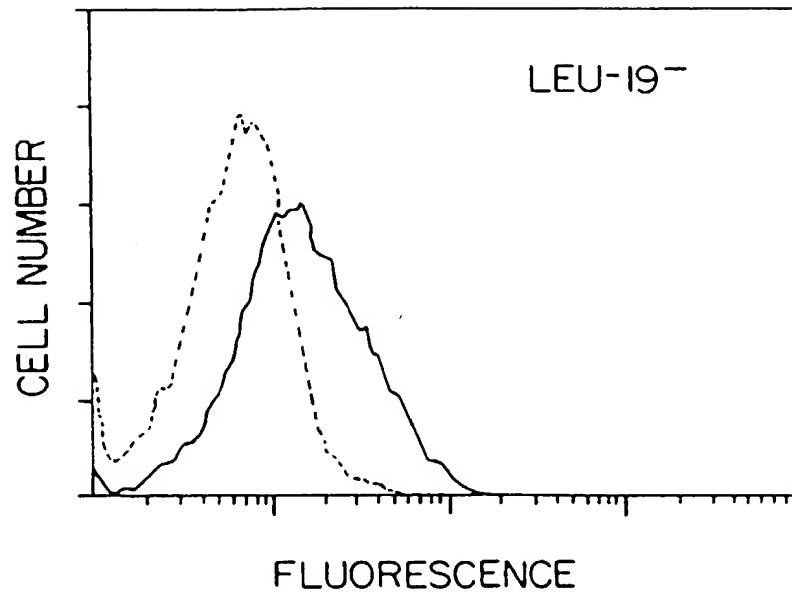


FIG. 12A

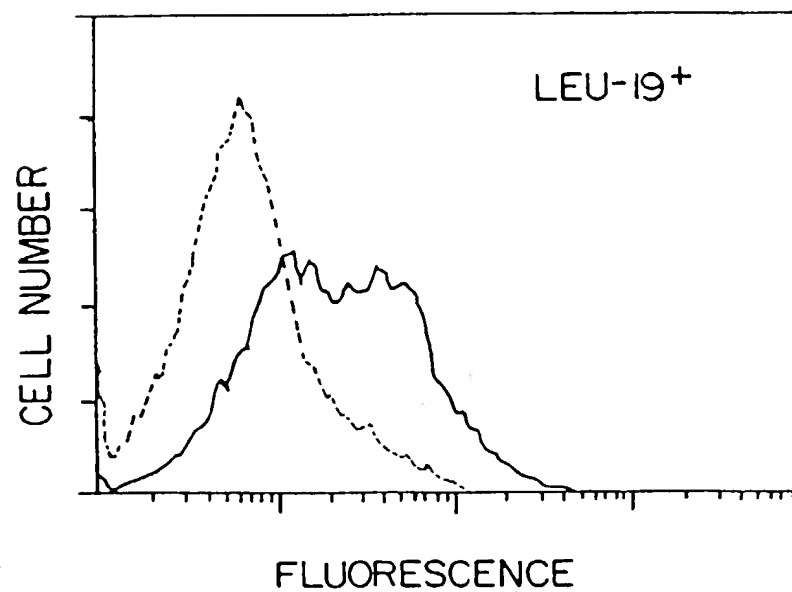


FIG. 12B



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N-terminus:

G L E G R G x R L Q G R G S L L L A V A G A T G L V T L L - - V P I

Tryptic Peptides

T87/88:

L P E E E P E T D L S P G L P A A H L I G A P L K

T110:

x Q A F L T S G T Q F S D A E G L A L P Q D G L Y

T67:

X Q G L x x E T

T48:

S S L Y R

T96:

A G G A Y G P G T P E L L L L E G A E T V T P V L D

FIG. 13

* * *

11

hTNF	LSLISPLPQAVRSSRTPSDKPVAAHVVANPQAEQG--LQWLNRANALLA
mCD40L	LNKEEKENSFEMQRGDEDPQIAAHVVSEANSNAASVLQWAKKGYTMMKS
hP33	QGLGFQKLPEEEPEITDLSPLPAHLIGAPLK-GQ-GLQWETTKEQAFLT
hLT	PSAAQTARQHPKMHLAHSTLKPAAHLIGDPSK--QNSLLWRANTDRAFLQ

✱

*

*

•

✦

hTNE	NGVELRD-NQLVVPSEGLYLIYSQVLFKQGQCPSTHVLLTHTISRIAVSY
mCD40L	NLVMLENGKQLTVKREGLYYVYTQVTFCSNREPSSQRPFIVGLWLKPSIG
hp33	SGTQFSDAEGALPQDGLYYLYCLVGYRGRAPPGGDPQGRSVTLRSSLY
hLT	DGFSLSNNS-LLVPTSGIYFVYSQVVFSGKAYSPKATSSPLYLAHEVQLF

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● ★ ★ ★ ★ ●

*
*
*

:

hTNE	QTKVN-----LLSAIKSPCQRETPEGAEAK--P-WYEP IYLGGVFQLE
mCD40L	SER-----ILLKAANTHSSSQLCEQQ-----SVHLGGVFELQ
hP33	RAGGAYGPGTPELLLEGAETVTPVLDPARRQGYGPLWYTSVGFGLVQLR
hLT	SS--QYPFHVP-LLSSQK-MVYPPGLQE-----P-WLHSMYHGAAAFQLT

*
*

•

hTNE	KGDRLSAEINRPDY-LDFAESGQVYFGIIAL
mCD40L	AGASVFVNVT--EASQVIHRVGFSSFGLLKL
hP33	RGERVYVNI <u>SHPD</u> -MVDFAAR-GKTFEGAVMVG
hLT	QGDQLSTHT--DGIPHLVLSPSTVFFGAFAL

FIG. 14B



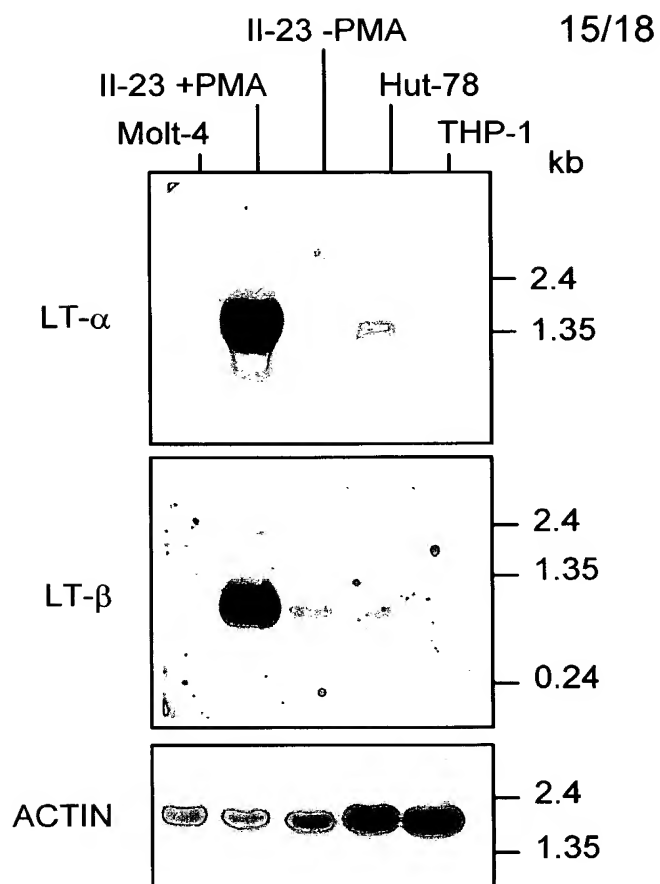


FIG 15A

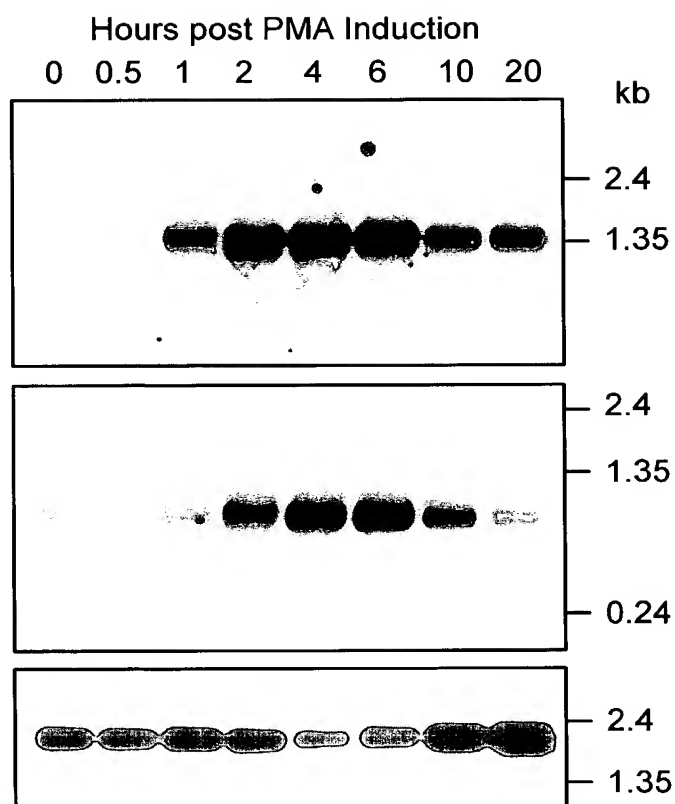


FIG 15B

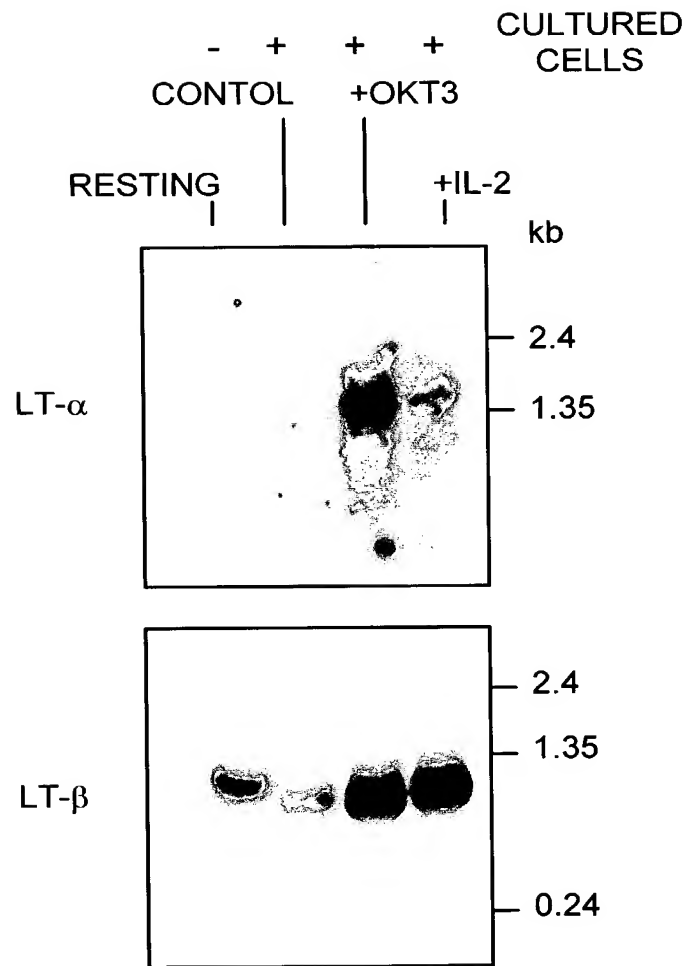


FIG 15C

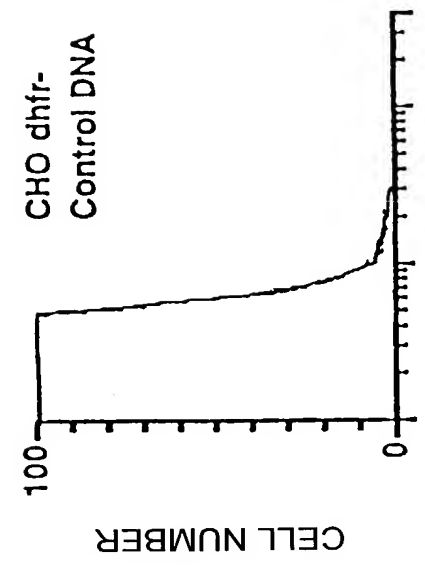


FIG. 16A-1

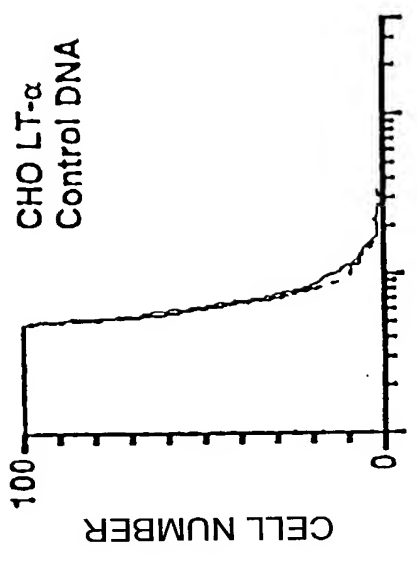


FIG. 16A-2

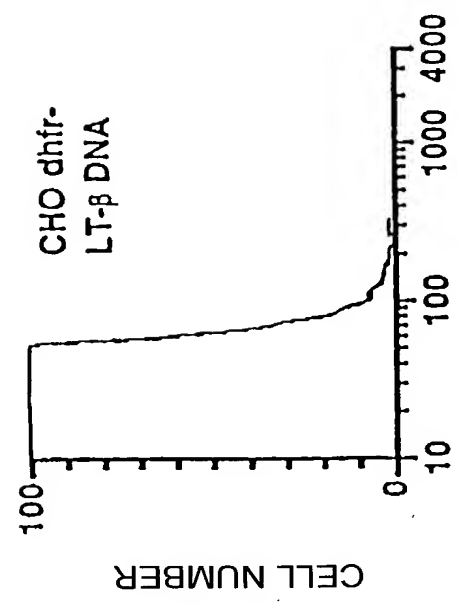


FIG. 16A-3

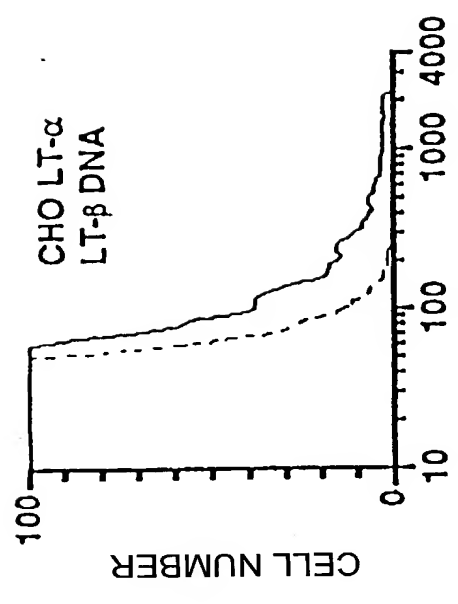


FIG. 16A-4



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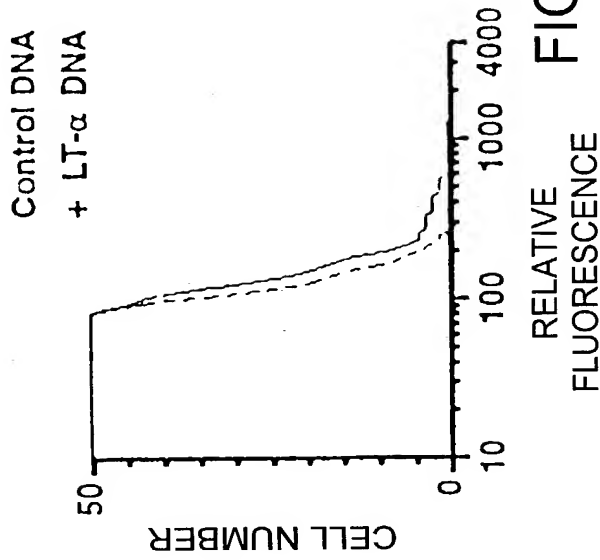


FIG. 16B-2

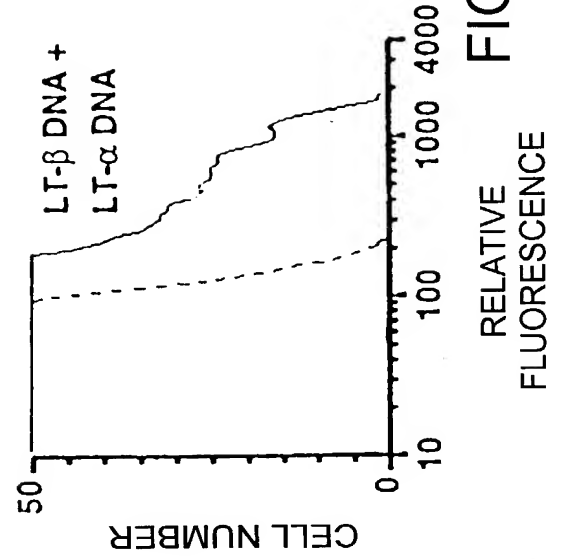


FIG. 16B-4

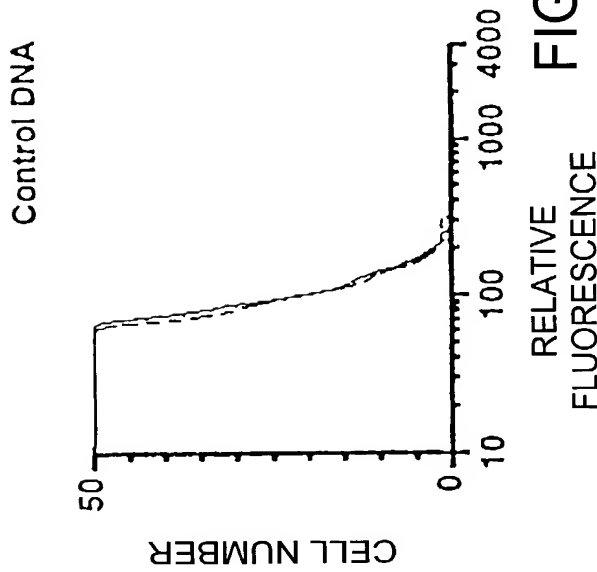


FIG. 16B-1

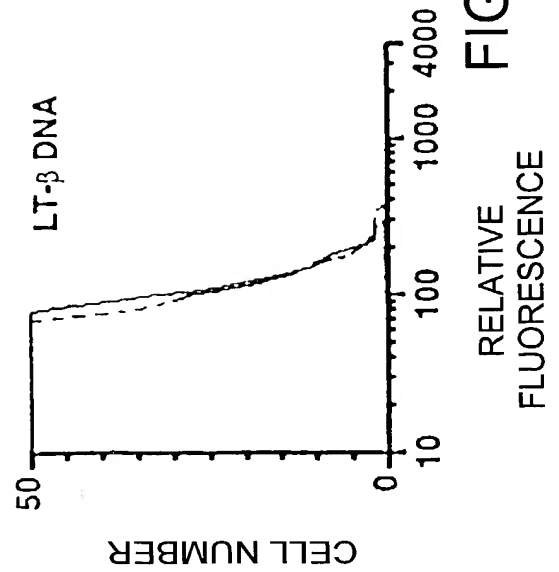


FIG. 16B-3